**Topic Four: Statistics**

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| **Data representation and interpretation** |
| 1. Identify and investigate issues involving numerical data collected from primary and secondary sources [(ACMSP169)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMSP169) |
| * + Asia and Australia´s engagement with Asia |
| 1. Construct and compare a range of data displays including stem-and-leaf plots and dot plots [(ACMSP170)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMSP170) |
| 1. Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data [(ACMSP171)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMSP171) |
| * + Sustainability |
| 1. Describe and interpret data displays using median, mean and range [(ACMSP172)](http://ausvels.vcaa.vic.edu.au/Curriculum/ContentDescription/ACMSP172) |

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| **Lesson** | **Learning Intention** | **Activity** |
| 1-2 | To identify and investigate data collected and classify it | Ex 8A, pg 395 |
| 1 | Summarising the numerical data, looking and centre and spread (Mean, Mode, Median, Range) | Ex 8B, pg 402 |
| 5 | Displaying data using various graphical representations.(dot, column, stem-and-leaf, pie charts)  Interpreting the data | Ex 8C pg 409  Ex 8D pg 418  Task One: Tell Me a Story  Ex 8E pg 425  Ex 8F pg 433 |
| 2-3 | Understanding of knowledge(Assessment) | Task Two: Poster |